Mountain Weather Forecast

Lake District National Park

Forecast valid from 00:00 on Wednesday 10 Jan 2024 until 23:59 on Thursday 11 Jan 2024

Forecast Issued on Tuesday 09 Jan 2024 at 11:14

Confidence: High for a lot of cold and mainly dry weather over the coming days but lower confidence regarding cloud amounts. Also low for timing and extent of rain or snow bands moving south during the weekend.

Headline for Wednesday 10 Jan 2024: Light wintry showers in morning, clearing in afternoon. Cold and windy.

Mountain weather hazards on Wednesday 10 Jan 2024

Blizzards
No Likelihood

Gales
No Likelihood

Thunderstorms
No Likelihood

Heavy persistent snow
No Likelihood

Severe chill effect
Medium Likelihood

Heavy persistent rain
No Likelihood

Storm force winds
No Likelihood

Poor visibility
Low Likelihood

Strong sunlight
No Likelihood

Weather and chance of precipitation at 800m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
Partly cloudy (night)	Partly cloudy (night)	Cloudy	Light snow	Light snow	Cloudy	Partly cloudy (night)	Partly cloudy (night)
Precipitation probability							
<05%	<05%	20%	40%	40%	20%	10%	10%

Forecast for Wednesday 10 Jan 2024

Weather: Dry with clear spells overnight but becoming cloudy by dawn. A mainly cloudy morning with a few light showers, wintry above 400m but not amounting to much. Showers fizzling out during the afternoon with lengthening bright or clear spells developing.

Chance of cloud-free hill tops above 800m: 50% in the morning becoming 80% during the afternoon. Best chance in west.

Low cloud and visibility: Patchy cloud and fog above 500m, mainly across eastern fells, with poor visibility at times in wintry showers. Cloud lifting through the afternoon with generally good visibility from the fells.

Check our weather forecast every day to get the most accurate and up to date information
https://www.metoffice.gov.uk/weather/specialist-forecasts/mountain
© Crown Copyright 2024. All Rights Reserved.

Mountain Weather Forecast

Forecast for Wednesday 10 Jan 2024

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
900	29/35 NE	24/30 NE	23/28 NE	24/29 NE	24/30 NE	25/32 NE	25/32 NE	20/26 NE	17/23 NE
600	18/25 NE	16/23 NE	16/23 NE	16/23 NE	17/23 NE	19/27 NE	20/28 NE	17/24 NE	11/17 NE
300	5/20 NE	5/18 NE	6/18 NE	4/17 N	5/18 NE	7/20 NE	9/24 NE	6/20 NE	5/16 NE
Valley	9/21 NE	8/20 NE	10/22 NE	9/20 NE	7/18 NE	9/21 NE	9/20 NE	9/18 NE	9/16 NE

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
900	-2/-11	-2/-10	-2/-9	-2/-9	-1/-9	-1/-8	-1/-9	-1/-8	-2/-8
600	-1/-8	-1/-7	-0/-6	-0/-6	1/-5	1/-5	1/-6	0/-6	-0/-5
300	0/-2	1/-2	1/-2	1/-1	3/0	3/0	2/-1	2/-1	1/-1
Valley	2/-1	3/-0	4/-0	4/0	5/3	6/3	5/2	4/1	4/1
Freezing Level*	300m	500m	600m	500m	700m	800m	700m	600m	600m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Another cold day in the hills with a significant wind chill.

Forecast for Thursday 11 Jan 2024

Weather: Dry with clear or sunny intervals although rather cloudy at times. Severe wind chill on the tops at first but winds slowly easing.

Maximum wind: Northeast 25mph gusts 35mph at first, easing to 10-15mph.

Chance of cloud-free hill tops above 800m: 30% improving to 70% through the morning.

Low cloud and visibility: Mostly good visibility. Patchy cloud and fog above 700m in the morning, mainly in the east, but generally clearing by the afternoon.

Temperature: **Valleys:** Minus 1C to Plus 1C, rising to 6C.
At 800m: Minus 1C.
Freezing level: 600m.

Check our weather forecast every day to get the most accurate and up to date information
https://www.metoffice.gov.uk/weather/specialist-forecasts/mountain
© Crown Copyright 2024. All Rights Reserved.

Mountain Weather Forecast

Ground Conditions Supplement

Date: Tuesday 9 January 2024, Location: Helvellyn summit at 11:15. Full report: High pressure is still holding sway over the Lake District giving cold nights but beautiful days on the fells with plenty of sunshine. The new snow is generally cosmetic and lying down to around 500m but with a bit of heat in the sun southerly aspects have thawed fast up to summit level giving very varied conditions underfoot. Microspikes were very useful today even at low elevations where there was plenty of sheet ice on the paths. On Helvellyn the old patchy snow cover can be found above 800m on the steep east face and is hard and well frozen. Small cornices still exist above this face but are being eroded by the wind and should be given a wide berth especially in poor visibility. The southern flank of Striding Edge has been in the full glare of the sun and the snow has been stripped right back. However the northern side is still in the grip of a hard freeze and the 'easy' path was icy & serious. Much of the verglas on the crest had thawed and today it was an enjoyable scramble on dry rock and grippy snow. The headwall is still very wintery and microspikes are strongly recommended especially if you stray from the optimal line. Swirral Edge was still in full winter condition with steep & unavoidable icy snow, verglas and rime ice making progress very tricky. Even a simple slip here, not quickly arrested, would end in a tumbling fall over rocks. Crampons / microspikes and an ice axe are currently essential for this route especially in descent. Please don't attempt this route if you don't have the correct equipment and or skills. Full winter clothing (waterproofs, extra warm layers, hat and gloves), mountain boots and equipment including a torch, map and compass are all essential to safely roam the fells. The freezing temperatures are forecast to continue with the potential for more snow so crampons / microspikes and an ice axe will be essential for anyone who's route takes them onto exposed terrain where there is a risk of a slide or fall. Microspikes will be very useful on paths at all altitudes. Temperature: minus 4.5 C, Maximum wind speed 33.2mph, Wind chill: minus 16.1 C, Average wind speed: 29.9 mph.

Issued at: 1114 on Tue 09 Jan 2024

Check our weather forecast every day to get the most accurate and up to date information
https://www.metoffice.gov.uk/weather/specialist-forecasts/mountain
© Crown Copyright 2024. All Rights Reserved.